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Agency Secretary
Cal/EPA



Department of Toxic Substances Control

Maureen F. Gorsen, Director
5796 Corporate Avenue
Cypress, California 90630



Arnold Schwarzenegger
Governor

February 1, 2006

Ms. Robin Stankoff
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Wright-Patterson AFB, Ohio 45433-7626

APPROVAL OF FINAL INTERIM REMOVAL ACTION COMPLETION REPORT FOR INSTALLATION RESTORATION PROGRAM (IRP) SITE 4, OPERABLE UNIT 5, AIR FORCE PLANT 42, PALMDALE, CALIFORNIA

Dear Ms. Stankoff:

The California Department of Toxic Substances Control (DTSC) and the Lahontan Regional Water Quality Control Board (RWQCB) have reviewed the subject document dated January 2006, prepared by CH2M HILL on behalf of the Air Force. Site 4, Vehicle Washrack and Leaking Underground Storage Tank, is part of Operable Unit (OU) 5 located in the southeastern portion of AFP 42 and was used for steam cleaning operations between 1954 and 1983. The leaking waste oil underground tank adjacent to the vehicle wash was removed in 1983 along with contaminated soil. Field investigations at the site indicated the presence of arsenic in the drainage swale. The removal action completion report documents the removal action activities performed in March 2005, site backfilling and restoration activities, and confirmation sampling conducted at IRP Site 4,

Approximately 44 tons of soil was removed from the site and disposed as California hazardous waste at the Chemical Waste Management Facility in Kettleman City, California. The excavation area measured approximately 8 feet by 15 feet and the depth of the excavation was approximately 2.5 to 4 feet below ground surface (bgs).

Prior to backfilling with clean soil and restoration of the site to its original condition, confirmation soil samples and a duplicate were collected from the ditch bottom and surface soil upstream and downstream of the excavation to verify attainment of the target cleanup goals for the site. Based on the results of the confirmation sampling, the remedial action met remediation standards that are protective of industrial workers land use which were developed in the approved Removal Action Workplan dated December 2004. Thus, the removal action report recommends no further investigation for Site 4.


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The Air Force will evaluate the residual human health risks to determine if Site 4 is also suitable for residential unrestricted land use and determine the need for institutional controls to ensure long-term protectiveness of the remedy. The residual human health risks will be presented in the Feasability Study and the final remedy will be documented in the Record of Decision/Remedial Action Plan for the site.

DTSC and RWQCB are satisfied that their comments of October 25, 2005 on the draft document have been adequately addressed and hereby approve the final report as written.

If you have any questions, please call Mr. Tayseer Mahmoud of DTSC at (714) 484-5419 or Mr. Douglas E. Feay of RWQCB at (760) 241-6583.

Sincerely,



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